

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

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of

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Complete if Known

Application Number	10/085,703
Filing Date	February 28, 2002
First Named Inventor	Igor Dimitriesich Polyakov
Art Unit	1645
Examiner Name	Minnifield, Nita M.

Attorney Docket Number 3/400-4-C4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MM		US- 4,129,647	12/12/1978	Edmund Klein	
MM		US- 4,229,434	10/21/1980	Arutjun, K. et al	
MM		US- 4,657,761	04/21/1987	Cesar M. Pinto	
MM		US- 4,368,191	1/11/1983	Sarkisov et al	
MM		US- 5,277,904	1/11/1994	Pier, A	
MM		US- 5,284,652	2/8/1994	Pier	
MM		US- 6,428,789	8/6/2002	Stobel et al	
MM		US- 6,132,733	10/17/2000	Werner et al	
MM		US- 5,453,273	9/26/1995	Werner et al	
MM		US- 6,290,950	9/18/2001	Poliakov et al	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
MM		EP 0393371	10/24/1990	Jefferson Labs, Inc.		
MM		WO 9307894	4/29/1993	BI Vetmedica GmbH		
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MM Minnifield

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NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	T ²
M	A.J. Chanis, Dissertation, J.R. Kovalenko Institute, Moskow (February 27, 1989) E.L. Kenney and M. Huppert., "Immunization Against Superficial Fungous Infection", J. Invest. Derm., 32, pp. 7-13 (1959) ("Chanis")	
M	E.L. Kenney and M. Huppert., "Immunization Against Superficial Fungous Infection", J. Invest. Derm., 32, pp. 7-13 (1959)	
M	K. Wawrzkiewicz and J. Wawrzkiewicz, "Early Immunization of Calves with an Inactivated Vaccine Against Trichophytosis", Polskie Archiwum Weterynaryjne, 28, p.p. 5-16 (1988)	
M	K. Wawrzkiewicz and J. Wawrzkiewicz, "Effect of Levamisole on the Immune Response of Guinea Pigs Immunized with Inactivated Trichophyton verrucosum Strain", Annales UMCS (Lublin), section DD, 39, pp. 53-63 (1984)	
M	P. Kielstein and W. Richter, "Versuche zur Immunprophylaxe der Rindertrichophytie", Sonderdruck aus dem Archiv für Experimentelle Veterinärmedizin Bd. 24, H. 5/1970, pp. 1205-1218 (1970) ("Kielstein")	
M	E. Florian et al., "Aktiv Immunizalasi Kiserletek Borjak Tarlosomore Ellen", Magyar Allatorvosok Lapja, 19(12), pp. 529-530 (1964) ("Florian")	
M	M.L. Wharton et al., "Active Immunization Against Trichophyton Purpureum Infection in Rabbits", J. Invest. Dermatol. 14, pp. 291-303 (1950)	
M	C. Mosher et al., "Ringworm (Microsporum canis) with Inactivated Fungal Vaccine", Vet Med/Small Animal Clin., 72, pp. 1343-1345 (1977)	
M	E. Ibragimov et al., "Investigation of the immunogenic and curative features of a formaldehyde vaccine against ringworm in cattle", Usbek Veterinary Research Institute XXX Part 1. Taskant (USSR) (1980) ("Ibragimov")	
M	K. Wawrzkiewicz et al., "Szczepionka Inaktywowana w Profilaktyce i Leczeniu Grzybicy Skornej Bydla", Medycyna Weterynaryjna, 44(11), pp. 648-651 (1988) ("Wawrzkiewics-Medycyna")	

Examiner Signature

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Date Considered

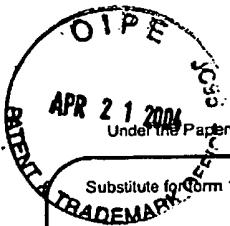
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Substitute for Form 1449B/PTO				Complete If Known Application Number 10/085,703 Filing Date February 28, 2002 First Named Inventor Igor Dimitriesich Polyakov Art Unit 1645 Examiner Name Minnifield, Nita M. Attorney Docket Number 3/400-4-C4	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					
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Sheet	3	of	7		

NON PATENT LITERATURE DOCUMENTS					
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<i>MM</i>		CAB International Abstract No. E92290473 (1989) ("CAB Abstract")			
<i>MM</i>		T. Kocik, "Proba Oceny Wartosci Immunogenowych Szczepionek Zywych i Zabitych Przeciwko Trychofitozie Dla Swinek Morskich I Mlodego Bydla", Polskie Archivum Weterynaryjne, 23(3), pp. 95-107 (1982)			
<i>MM</i>		Anon, "Results of a Therapeutic Efficacy Test Using an Inactivated Microsporum Canis Vaccine", typewritten material 5-55 available at US Dept. of Agriculture, National Agricultural Library (1988)			
<i>MM</i>		R. Weiss et al., "Immunisierungsversuche an Meerschweinchen mit einem Trichophyton Verrucosum-Lebendantigen", Mykosen, 20 (2), pp. 54-64 (1977)			
<i>MM</i>		A.K. Sarkisov et al., Biological Abstracts, Vol. 81, Abstract No. 4165 (1986) **			
<i>MM</i>		W. Wawrzkiewicz et al., Biological Abstracts, Vol. 92, Abstract No. 124650 (1991)**			
<i>MM</i>		A.K. Sarkisov et al., "Specific Prophylaxis of Trichophytosis in Animals", Mikol. Fitophatol., 19(1), pp. 51-57 (1985)**			
<i>MM</i>		W. Wawrzkiewicz et al., "An Inactivated Vaccine Against Ringworm", Comp. Immu. Microbiol. Infect. Dis., 15(1), pp. 31-40 (1992)**			
<i>MM</i>		C.L. Mosher et al., "Treatment of Ringworm (Microsporum canis) with Inactivated Fungal Vaccine", Vet. Med., pp. 1343-45 (August 1977)**			
<i>MM</i>		R. Gudding et al., "Vaccination of Cattle Against Ringworm Caused by Trichophyton verrucosum", Am. J. Vet. Res., 47(11), pp. 2415-17 (1986)**			

Examiner Signature	<i>MM Minnifield</i>	Date Considered	8-3-04
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Filing Date	February 28, 2002		
First Named Inventor	Igor Dimitriesich Polyakov		
Art Unit	1645		
Examiner Name	Minnifield, Nita M.		
		Attorney Docket Number	3/400-4-C4

NON PATENT LITERATURE DOCUMENTS

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M		Polyakov et al., "Clinical Manifestations of Dermatomycosis induced...", Byulleten Vsesoyuznogo Instituta Experimental noj Vet., 65, pp. 43-45 (1988)**	
M		Sarkisov et al., "Dermatomycosis of Camels and Biological Properties of the Causal Agent", Veterinariya (Moskva), 10, pp. 31-35 (1989)**	
M		Ivanova et al., "Trichophyton sarkisovii New Species, A New Pathogenic...", "Mikol. Fitopatol., 17(5), pp. 363-67 (1983)**	
M		Segal, "Immunization Against Fungal Diseases in Man and Animal" in Handbook of Applied Mycology, Vol. 2, pp. 341-68 (1991)**	
M		Grappel et al., "Immunology of Dermatophytes and Dermatophytosis", Bacteriological Riev., 38(2), pp. 222-250 (1974)**	
M		A.C. PIER ET AL; Experimental immunity to Microsporum canis and cross reactions with other dermatophytes of veterinary importance; Journal of Medicine and Veterinary Mycology; (1995) Vol. 33 pages 93-97	
M		ROAR GUDDING ET AL; Immunoprophylaxis of bovine dermatophytosis; Can Vet J; Vol. 36 pages 302-306 (May 1995)	
M		J.K. WABACHA ET AL; Occurrence of dermatophytosis (ringworm) due to Trichophyton verrucosum in dairy calves and its spread to animal attendants; JI S. Afr. vet. Ass. (1998) Vol. 69 No. 4 pages 172-173	
M		M. PAVLAS ET AL; The Therapeutic and Preventive Effectiveness of Vaccine Against Trichophytosis in Cattle; Research Institute of Veterinary Medicine (1979) Vol. 24 No. 4 pages 209-215	
M		J. WAWRZKIEWICZ ET AL; Monovalent and Combined Inactivated Killed Vaccines in the Prophylaxis of Trichophytosis of Breeding Foxes; Med Weter (1991) Vol 47 No. 7 pages 317-320	

Examiner Signature	M. Minnifield	Date Considered	8/3/04
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Sheet 5 of 7 Attorney Docket Number 3/400-4-C4

NON PATENT LITERATURE DOCUMENTS

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M		DOUPARINOVA, M. ET AL; Epidemiological aspects of ringworm in calves on large farms; Central Vet. Res. Inst. (1978) Vol. 15 No. 1 pages 74-77	
M		GOLOVINA, N.P. ET AL; Pathogenicity and immunogenicity of strains of Trichophyton verrucosum from different sources; Byulleten Vsesoyuznogo Inst. (1982) Vol. 45 pages 59-61	
M		KAMIONOWSKI, M. ET AL; Efficacy of Alpevac (Biowet Pulawy) in the prevention of dermatomycosis in rabbits; Zycie Weterynaryjne (2001) Vol. 76 No. 2 pages 101-102 ISSN: 0137-6810	
M		WOLOSZYN, S. ET AL; Efficacy of Vaccines in the control of dermatomycoses in rabbits; Medycyna Weterynaryjna (1996) Vol. 52 No. 8 pages 518-521 ISSN: 0025-8628	
M		BALABANOFF V.A.; Occupational dermatomycoses of zoophilic origin in Bulgaria; Dermatosen in Burf und Umwelt (1985) Vol 33 No. 5 pages 170-174	
M		WOLOSZYN, S. ET AL; Prevalence and specific prevention against trichophytosis in breeding foxes; Med Weter (1983) Vol. 39 No. 7 pages 387-391	
M		O. AAMOND ET AL; Vaccination of Norwegian Cattle against Ringworm; Vet. Med B (1982) Vol. 29 pages 451-456 ISSN: 0721-1856	
M		EIVIND LIVEN ET AL; Efficacy of vaccination against ringworm in cattle; Nord Vet. Med. (1985) Vol. 37 page 187	
M		KOMAREK, J. ET AL; Ringworm of cattle -- results of vaccination; Veterinarniho Ustavu (1982) No. 12 pages 69-74	
M		J.M.B. SMITH ET AL; Strategies for the development of a vaccine against ringworm; Journal of Medical and Veterinary Mycology (1995) Vol. 33 pages 87-91	

Examiner Signature	Minnfield	Date Considered	8/3/04
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M		A. RYBNIKAR ET AL; Vaccination of Horses Against Trichophytosis; ACTA Vet Brno (1991) Vol. 60 pages 165-169	
M		A. RYBNIKAR ET AL; Immunity in cattle vaccinated against ringworm; Mycoses (1991) Vol. 34 pages 433-436	
M		J.M. MCGREGOR ET AL; Possible mechanisms of immune modulation in chronic dermatophytoses: an in vitro study; British Journal of Dermatology (1992) Vol. 127 pages 233-238	
M		P.J. GORDON ET AL; Efficacy of a live attenuated Trichophyton verrucosum vaccine for control of bovine dermatophytosis; Veterinary Record (1996) Vol. 139 Pages 395-396	
M		A. KH. SARKISOV ET AL; Modern Methods for Control of Animal Dermatophytosis; Advance in Agricultural Science (1987) pages 181-197	
M		A. TAGER ET AL; Immunotherapy of Superficial Dermatophytoses; Dermatologica (1973) Vol. 147 pages 123-129	
M		P. KIELSTEIN; Systematic control of dermatophytosis profunda of cattle in the former GDR; Mycoses (1990) Vol. 33 pages 575-579	
M		D.J. DEBOER ET AL; Investigations of a killed dermatophyte cell-wall vaccine against infection with Microsporum canis in cats; Research in Vet Sci. (1995) Vol. 59 No. 2 pages 110-113	
M		KAREN A. MORIELLO ET AL; Feline Dermatophytosis; Feline Dermatology (1995) Vol. 25 No. 4 pages 901-921	
M		PERSPECTIVES ON CATS; When the Fungus (Ringworm) Is Among Us; The Cornell Feline Health Center (1994) pages 1-3 and 8	

Examiner Signature

Nita Minnifield

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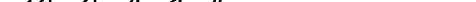
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